



AUTOMATION FOR BARRIERS

3, 4, 6 m

AND A 230 Vac MOTOR

EL
CARDIN



Motor power supply
230 Vac

Modular structure
Anodized aluminium
"anticorodal"
epoxide powder painted

Duty cycle
70 %

Warning lights
incorporated

EL313C/413C/613

EL313C/413C/613

A range of road barriers, consolidated and optimised throughout time, which features a vast array of models built from hard wearing and highly reliable materials and uses state of the art technology.

The cabinet in cast aluminium, housing the mechanical parts, is made up of modular components which are highly resistant to atmospheric agents and are easy to replace in case of accidental damage. All the inspection ports giving access to the internal components are lockable and are fitted with security microswitches. The flip-back top cover is made of shockproof materials and is fitted with incorporated warning lights. The aesthetical solutions used give the product a slim and modern look which is easily integrated into all architectural contexts. Absolute mechanical reliability, silent running and regular movement are guaranteed in all products.

USE

USE

Electromechanical barriers for the access control of parking lots, apartment blocks, company grounds etc. The various models allow all types of installation on passageways of up to **3, 4 and 6 meters** with differential speed. The centralised movement of the boom makes the barrier perfectly symmetrical and allows it to be installed both to the **left** and to the **right** of the passageway. The vast range of accessories simplifies their installation time.

The appliances are fitted with "**anti-tamper systems**" protecting their internal mechanisms. When tampered with, the system releases the **boom holder** and **boom** parts from the drive mechanism therefore saving the entire machine from damage. The incorporated electronic programmer conforms to the local standards and regulations in force and is fitted with all the connections needed to carry out a complete automatic installation.

shock-proof cover

incorporated warning lights

aluminium structure

fold up mesh

articulated boom



TECHNICAL SPECIFICATIONS

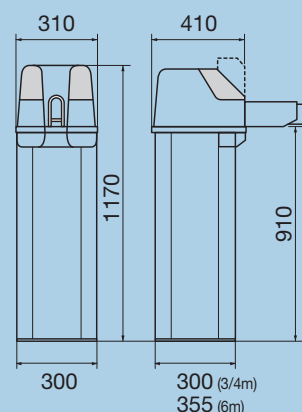
Model	Power supply	Electrical input	Power input	Duty cycle	Opening time (90°)	Torque	Maximum Boom length	IP
	Vac	A	W	%	s	Nm	m	
EL313C	230	2,7	600	70	2	110	3	54
EL413C	230	2,7	600	70	4	200	4	54
EL613	230	2,7	600	70	10	400	6	54

VERSIONS

- 710/EL313C Automation for 3 m booms with an incorporated electronic programmer and warning lights.
 710/EL413C Automation for 4 m booms with an incorporated electronic programmer and warning lights.
 710/EL613 Automation for 6 m booms with an incorporated electronic programmer and warning lights.

ACCESSORIES

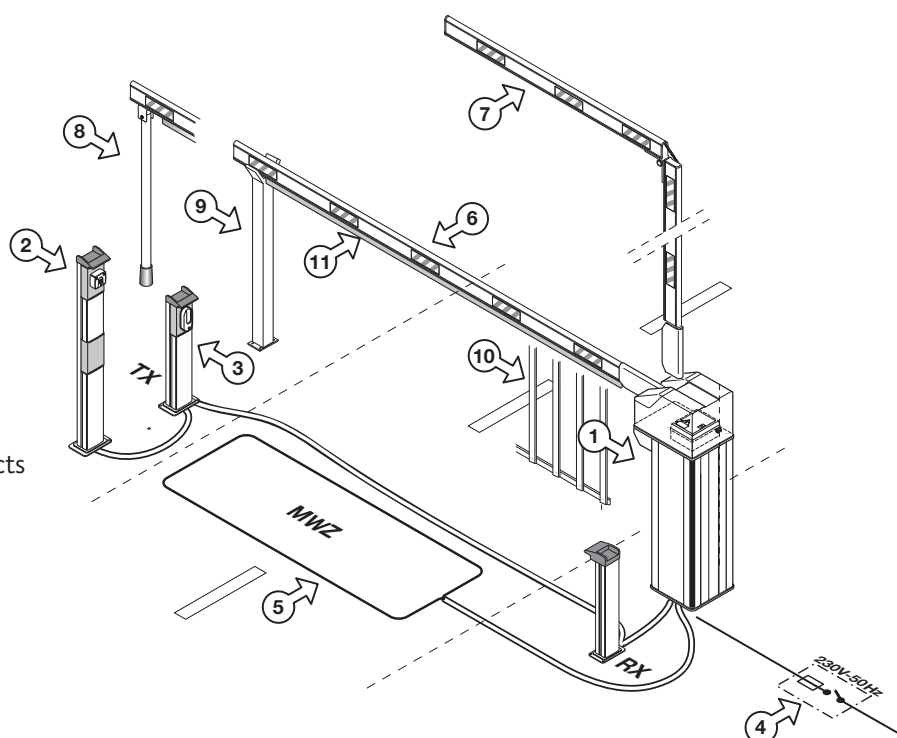
- 716/EL320 3 m rigid aluminium booms for the EL313C with a rubber safety edge.
 716/EL420 4 m rigid aluminium booms for the EL413C with a rubber safety edge.
 716/EL601 6 m rigid aluminium booms for the EL613 with a rubber safety edge.
 716/EL324ASK1 3 m articulated boom for EL313C, EL413C with a rubber safety edge. A special device inside the boom allows it to be bent backwards during opening.
 716/ELFS1 Support fork in extruded aluminium.
 716/ELSM Mobile support pole.
 716/ELSA Retractable aluminium mesh for 6 metre booms (2 m strips).
 716/ELLAMP Warning light set (yellow lights).
 716/ELSRE Reflective tape in strips of 250 x 50 mm.
 950/XLPBS1 Pressure switch for rubber safety edges.



INSTALLATION EXAMPLE

Legend

- 1 Barrier
- 2 Selector switch
- 3 Photocells
- 4 All pole circuit breaker with a min. of 3 mm between the contacts
- 5 Magnetic sensor
- 6 Standard boom
- 7 Articulated boom
- 8 Mobile support fork
- 9 Fixed support fork
- 10 Retractable mesh
- 11 Safety edge



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